

x15815.ST25.txt
SEQUENCE LISTING

<110> Eli Lilly and Company
<120> Novel Proteins and Their Uses
<130> X-15815
<160> 24
<170> PatentIn version 3.2
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<211> 1479
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)..(1479)
<223> LP391

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ccagattcat ctgcacaaat acgtgggtgt ctactttttaga gagattgata caaaagacga 1320

x15815.ST25.txt

ttacaatgct ctcagtgtct gccccaaagta ccacccatg aaggatgcac ctgctttctg	1380
tgcagaacct ctccatgtca agcagcagggt gtcagcagga aaaagatcac aagcctgcca	1440
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<210> 2
<211> 486
<212> PRT
<213> Homo sapiens

<220>
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<222> (1)..(486)
<223> LP391

<400> 2

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Glu Trp Met Leu Gln His Asp Leu Ile Pro Gly Asp Leu Arg Asp Leu
35 40 45

Arg Val Glu Pro Val Thr Thr Ser Val Ala Thr Gly Asp Tyr Ser Ile
50 55 60

Leu Met Asn Val Ser Trp Val Leu Arg Ala Asp Ala Ser Ile Arg Leu
65 70 75 80

Leu Lys Ala Thr Lys Ile Cys Val Thr Gly Lys Ser Asn Phe Gln Ser
85 90 95

Tyr Ser Cys Val Arg Cys Asn Tyr Thr Glu Ala Phe Gln Thr Gln Thr
100 105 110

Arg Pro Ser Gly Gly Lys Trp Thr Phe Ser Tyr Ile Gly Phe Pro Val
115 120 125

Glu Leu Asn Thr Val Tyr Phe Ile Gly Ala His Asn Ile Pro Asn Ala
130 135 140

Asn Met Asn Glu Asp Gly Pro Ser Met Ser Val Asn Phe Thr Ser Pro
145 150 155 160

Gly Ser Leu Trp Asp Pro Asn Ile Thr Ala Cys Lys Lys Asn Glu Glu
165 170 175

Thr Val Glu Val Asn Phe Thr Thr Pro Leu Gly Asn Arg Tyr Met
180 185 190

x15815.ST25.txt

Ala Leu Ile Gln His Ser Thr Ile Ile Gly Phe Ser Gln Val Phe Glu
195 200 205

Pro His Gln Lys Lys Gln Thr Arg Ala Ser Val Val Ile Pro Val Thr
210 215 220

Gly Asp Ser Glu Gly Ala Thr Val Gln Leu Thr Pro Tyr Phe Pro Thr
225 230 235 240

Cys Gly Ser Asp Cys Ile Arg His Lys Gly Thr Val Val Leu Cys Pro
245 250 255

Gln Thr Gly Val Pro Phe Pro Leu Asp Asn Asn Lys Ser Lys Pro Gly
260 265 270

Gly Trp Leu Pro Leu Leu Leu Ser Leu Leu Val Ala Thr Trp Val
275 280 285

Leu Val Ala Gly Ile Tyr Leu Met Trp Arg His Glu Arg Ile Lys Lys
290 295 300

Thr Ser Phe Ser Thr Thr Thr Leu Leu Pro Pro Ile Lys Val Leu Val
305 310 315 320

Val Tyr Pro Ser Glu Ile Cys Phe His His Thr Ile Cys Tyr Phe Thr
325 330 335

Glu Phe Leu Gln Asn His Cys Arg Ser Glu Val Ile Leu Glu Lys Trp
340 345 350

Gln Lys Lys Ile Ala Glu Met Gly Pro Val Gln Trp Leu Ala Thr
355 360 365

Gln Lys Lys Ala Ala Asp Lys Val Val Phe Leu Leu Ser Asn Asp Val
370 375 380

Asn Ser Val Cys Asp Gly Thr Cys Gly Lys Ser Glu Gly Ser Pro Ser
385 390 395 400

Glu Asn Ser Gln Asp Leu Phe Pro Leu Ala Phe Asn Leu Phe Cys Ser
405 410 415

Asp Leu Arg Ser Gln Ile His Leu His Lys Tyr Val Val Val Tyr Phe
420 425 430

Arg Glu Ile Asp Thr Lys Asp Asp Tyr Asn Ala Leu Ser Val Cys Pro
435 440 445

Lys Tyr His Leu Met Lys Asp Ala Thr Ala Phe Cys Ala Glu Leu Leu
450 455 460

x15815.ST25.txt

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<212> DNA
<213> Homo sapiens

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<210> 4
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<213> Homo sapiens

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<222> (1)..(531)
<223> LP392

<400> 4

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Glu Trp Met Leu Gln His Asp Leu Ile Pro Gly Asp Leu Arg Asp Leu
35 40 45

Arg Val Glu Pro Val Thr Thr Ser Val Ala Thr Gly Asp Tyr Ser Ile
50 55 60

Leu Met Asn Val Ser Trp Val Leu Arg Ala Asp Ala Ser Ile Arg Leu
65 70 75 80

Leu Lys Ala Thr Lys Ile Cys Val Thr Gly Lys Ser Asn Phe Gln Ser
85 90 95

Tyr Ser Cys Val Arg Cys Asn Tyr Thr Glu Ala Phe Gln Thr Gln Thr
100 105 110

Arg Pro Ser Gly Gly Lys Trp Thr Phe Ser Tyr Ile Gly Phe Pro Val
115 120 125

Glu Leu Asn Thr Val Tyr Phe Ile Gly Ala His Asn Ile Pro Asn Ala
130 135 140

Asn Met Asn Glu Asp Gly Pro Ser Met Ser Val Asn Phe Thr Ser Pro
145 150 155 160

Gly Cys Leu Asp His Ile Met Lys Tyr Lys Lys Lys Cys Val Lys Ala
165 170 175

Gly Ser Leu Trp Asp Pro Asn Ile Thr Ala Cys Lys Lys Asn Glu Glu
180 185 190

x15815.ST25.txt

Thr Val Glu Val Asn Phe Thr Thr Thr Pro Leu Gly Asn Arg Tyr Met
195 200 205

Ala Leu Ile Gln His Ser Thr Ile Ile Gly Phe Ser Gln Val Phe Glu
210 215 220

Pro His Gln Lys Lys Gln Thr Arg Ala Ser Val Val Ile Pro Val Thr
225 230 235 240

Gly Asp Ser Glu Gly Ala Thr Val Gln Gly Leu Ala Cys Pro Lys Ala
245 250 255

Leu Ala Glu Gly Ser Gln Glu Asp His Cys Cys Ser Phe Phe Leu Glu
260 265 270

Glu Met Phe Val Tyr Val Leu Thr Pro Tyr Phe Pro Thr Cys Gly Ser
275 280 285

Asp Cys Ile Arg His Lys Gly Thr Val Val Leu Cys Pro Gln Thr Gly
290 295 300

Val Pro Phe Pro Leu Asp Asn Asn Lys Ser Lys Pro Gly Gly Trp Leu
305 310 315 320

Pro Leu Leu Leu Ser Leu Leu Val Ala Thr Trp Val Leu Val Ala
325 330 335

Gly Ile Tyr Leu Met Trp Arg His Glu Arg Ile Lys Lys Thr Ser Phe
340 345 350

Ser Thr Thr Thr Leu Leu Pro Pro Ile Lys Val Leu Val Val Tyr Pro
355 360 365

Ser Glu Ile Cys Phe His His Thr Ile Cys Tyr Phe Thr Glu Phe Leu
370 375 380

Gln Asn His Cys Arg Ser Glu Val Ile Leu Glu Lys Trp Gln Lys Lys
385 390 395 400

Lys Ile Ala Glu Met Gly Pro Val Gln Trp Leu Ala Thr Gln Lys Lys
405 410 415

Ala Ala Asp Lys Val Val Phe Leu Leu Ser Asn Asp Val Asn Ser Val
420 425 430

Cys Asp Gly Thr Cys Gly Lys Ser Glu Gly Ser Pro Ser Glu Asn Ser
435 440 445

Gln Asp Leu Phe Pro Leu Ala Phe Asn Leu Phe Cys Ser Asp Leu Arg
450 455 460

X15815.ST25.txt

ser Gln Ile His Leu His Lys Tyr Val Val Val Tyr Phe Arg Glu Ile
465 470 475 480

Asp Thr Lys Asp Asp Tyr Asn Ala Leu Ser Val Cys Pro Lys Tyr His
485 490 495

Leu Met Lys Asp Ala Thr Ala Phe Cys Ala Glu Leu Leu His Val Lys
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Gln Gln Val Ser Ala Gly Lys Arg Ser Gln Ala Cys His Asp Gly Cys
515 520 525

Cys · Ser · Leu
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<212> DNA
<213> *Homo sapiens*

<220>
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<222> (1)..(1523)
<223> LP393

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X15815.ST25.txt
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<210> 6
 <211> 371
 <212> PRT
 <213> Homo sapiens

<220>
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 <222> (1)..(371)
 <223> LP393

<400> 6

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Glu Trp Met Leu Gln His Asp Leu Ile Pro Gly Asp Leu Arg Asp Leu
 35 40 45

Arg Val Glu Pro Val Thr Thr Ser Val Ala Thr Gly Asp Tyr Ser Ile
 50 55 60

Leu Met Asn Val Ser Trp Val Leu Arg Ala Asp Ala Ser Ile Arg Leu
 65 70 75 80

Leu Lys Ala Thr Lys Ile Cys Val Thr Gly Lys Ser Asn Phe Gln Ser
 85 90 95

Tyr Ser Cys Val Arg Cys Asn Tyr Thr Glu Ala Phe Gln Thr Gln Thr
 100 105 110

Arg Pro Ser Gly Gly Lys Trp Thr Phe Ser Tyr Ile Gly Phe Pro Val
 115 120 125

Glu Leu Asn Thr Val Tyr Phe Ile Gly Ala His Asn Ile Pro Asn Ala
 130 135 140

Asn Met Asn Glu Asp Gly Pro Ser Met Ser Val Asn Phe Thr Ser Pro
 145 150 155 160

X15815.ST25.txt

Gly Cys Leu Asp His Ile Met Lys Tyr Lys Lys Lys Cys Val Lys Ala
165 170 175

Gly Ser Leu Trp Asp Pro Asn Ile Thr Ala Cys Lys Lys Asn Glu Glu
180 185 190

Thr Val Glu Val Asn Phe Thr Thr Pro Leu Gly Asn Arg Tyr Met
195 200 205

Ala Leu Ile Gln His Ser Thr Ile Ile Gly Phe Ser Gln Val Phe Glu
210 215 220

Pro His Gln Lys Lys Gln Thr Arg Ala Ser Val Val Ile Pro Val Thr
225 230 235 240

Gly Asp Ser Glu Gly Ala Thr Val Gln Leu Thr Pro Tyr Phe Pro Thr
245 250 255

Cys Gly Ser Asp Cys Ile Arg His Lys Gly Thr Val Val Leu Cys Pro
260 265 270

Gln Thr Gly Val Pro Phe Pro Leu Asp Asn Asn Lys Ser Lys Pro Gly
275 280 285

Gly Trp Leu Pro Leu Leu Leu Leu Ser Leu Leu Val Ala Thr Trp Val
290 295 300

Leu Val Ala Gly Ile Tyr Leu Met Trp Arg His Gly Ser Arg Arg Leu
305 310 315 320

Pro Phe Leu Pro Pro His Tyr Cys Pro Pro Leu Arg Phe Leu Trp Phe
325 330 335

Thr His Leu Lys Tyr Val Ser Ile Thr Gln Phe Val Thr Ser Leu Asn
340 345 350

Phe Phe Lys Thr Ile Ala Glu Val Arg Ser Ser Leu Lys Ser Gly Arg
355 360 365

Lys Arg Lys
370

<210> 7
<211> 1394
<212> DNA
<213> Homo sapiens

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<222> (1)..(1394)
<223> LP394

X15815.ST25.txt

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<212> PRT
<213> Homo sapiens

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<222> (1)..(328)
<223> LP394

<400> 8

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x15815.ST25.txt
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Glu Trp Met Leu Gln His Asp Leu Ile Pro Gly Asp Leu Arg Asp Leu
35 40 45

Arg Val Glu Pro Val Thr Thr Ser Val Ala Thr Gly Asp Tyr Ser Ile
50 55 60

Leu Met Asn Val Ser Trp Val Leu Arg Ala Asp Ala Ser Ile Arg Leu
65 70 75 80

Leu Lys Ala Thr Lys Ile Cys Val Thr Gly Lys Ser Asn Phe Gln Ser
85 90 95

Tyr Ser Cys Val Arg Cys Asn Tyr Thr Glu Ala Phe Gln Thr Gln Thr
100 105 110

Arg Pro Ser Gly Gly Lys Trp Thr Phe Ser Tyr Ile Gly Phe Pro Val
115 120 125

Glu Leu Asn Thr Val Tyr Phe Ile Gly Ala His Asn Ile Pro Asn Ala
130 135 140

Asn Met Asn Glu Asp Gly Pro Ser Met Ser Val Asn Phe Thr Ser Pro
145 150 155 160

Gly Cys Leu Asp His Ile Met Lys Tyr Lys Lys Cys Val Lys Ala
165 170 175

Gly Ser Leu Trp Asp Pro Asn Ile Thr Ala Cys Lys Lys Asn Glu Glu
180 185 190

Thr Val Glu Val Asn Phe Thr Thr Pro Leu Gly Asn Arg Tyr Met
195 200 205

Ala Leu Ile Gln His Ser Thr Ile Ile Gly Phe Ser Gln Val Phe Glu
210 215 220

Pro His Gln Lys Lys Gln Thr Arg Ala Ser Val Val Ile Pro Val Thr
225 230 235 240

Gly Asp Ser Glu Gly Ala Thr Val Gln Leu Thr Pro Tyr Phe Pro Thr
245 250 255

Cys Gly Ser Asp Cys Ile Arg His Lys Gly Thr Val Val Leu Cys Pro
260 265 270

Gln Thr Gly Val Pro Phe Pro Leu Asp Asn Asn Lys Ser Lys Pro Gly
275 280 285

x15815.ST25.txt

Gly Trp Leu Pro Leu Leu Leu Leu Ser Leu Leu Val Ala Thr Trp Val
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Leu Val Ala Gly Ile Tyr Leu Met Trp Arg His Glu Val Arg Ser Ser
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Leu Lys Ser Gly Arg Lys Arg Lys
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 <211> 1346
 <212> DNA
 <213> Homo sapiens

<220>
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 <222> (1)..(1346)
 <223> LP395

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aacagtgtgt gcatggtac ctgtggcaag agcgaggcgtc gtcggcgtga gaactctcaa	1080	
gacctttcc cccttgcctt taaccttttc tgcagtgtac taagaagcca gattcatctg	1140	
cacaaatacg tggtggtcta ctttagagag attgatacaa aagacgatta caatgctctc	1200	
agtgtctgcc ccaagtacca cctcatgaag gatgccactg ctttctgtgc agaacttctc	1260	
catgtcaagc agcagggtgtc agcagggaaaa agatcacaag cctgccacga tggctgctgc	1320	

X15815.ST25.txt

1346.

tcctttagc ccacccatga gaagca

<210> 10
<211> 312
<212> PRT
<213> Homo sapiens

<220>
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<222> (1)..(312)
<223> LP395

<400> 10

Met Ser Leu Val Leu Leu Ser Leu Ala Ala Leu Cys Arg Ser Ala Val
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Pro Arg Glu Pro Thr Val Gln Cys Gly Ser Glu Thr Gly Pro Ser Pro
20 25 30

Glu Trp Met Leu Gln His Asp Leu Ile Pro Gly Asp Leu Arg Asp Leu
35 40 45

Arg Val Glu Pro Val Thr Thr Ser Val Ala Thr Gly Asp Tyr Ser Ile
50 55 60

Leu Met Asn Val Ser Trp Val Leu Arg Ala Asp Ala Ser Ile Arg Leu
65 70 75 80

Leu Lys Ala Thr Lys Ile Cys Val Thr Gly Lys Ser Asn Phe Gln Ser
85 90 95

Tyr Ser Cys Val Arg Cys Asn Tyr Thr Glu Ala Phe Gln Thr Gln Thr
100 105 110

Arg Pro Ser Gly Gly Lys Trp Thr Phe Ser Tyr Ile Gly Phe Pro Val
115 120 125

Glu Leu Asn Thr Val Tyr Phe Ile Gly Ala His Asn Ile Pro Asn Ala
130 135 140

Asn Met Asn Glu Asp Gly Pro Ser Met Ser Val Asn Phe Thr Ser Pro
145 150 155 160

Gly Ser Leu Trp Asp Pro Asn Ile Thr Ala Cys Lys Lys Asn Glu Glu
165 170 175

Thr Val Glu Val Asn Phe Thr Thr Pro Leu Gly Asn Arg Tyr Met
180 185 190

Ala Leu Ile Gln His Ser Thr Ile Ile Gly Phe Ser Gln Val Phe Glu
195 200 205

x15815.ST25.txt

Pro His Gln Lys Lys Gln Thr Arg Ala Ser Val Val Ile Pro Val Thr
 210 215 220

Gly Asp Ser Glu Gly Ala Thr Val Gln Leu Thr Pro Tyr Phe Pro Thr
 225 230 235 240

Cys Gly Ser Asp Cys Ile Arg His Lys Gly Thr Val Val Leu Cys Pro
 245 250 255

Gln Thr Gly Val Pro Phe Pro Leu Asp Asn Asn Lys Ser Lys Pro Gly
 260 265 270

Gly Trp Leu Pro Leu Leu Leu Ser Leu Leu Val Ala Thr Trp Val
 275 280 285

Leu Val Ala Gly Ile Tyr Leu Met Trp Arg His Glu Val Arg Ser Ser
 290 295 300

Leu Lys Ser Gly Arg Lys Arg Lys
 305 310

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<212> DNA
<213> Homo sapiens

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<223> LP396

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ggactattca atttttagtga atgtaagctg ggtactccgg gcagatgcca gcattcgctt	240	
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tattccta at gcaaataatga atgaagatgg cccttccatg tctgtgaatt tcacctcacc	480	
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tcaggtgttt gagccacacc agaagaaaaca aacgcgagct tcagtggtga ttccagtgac	720	
tggggatagt gaaggtgcta cggtgcagat gtgtgaccaa ggggaaaatg tgcacatgacaa	780	
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X15815.ST25.txt

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cactactgcc	ccccattaag	gttcttgtgg	tttacccatc	tgaaatatgt	ttccatcaca	1080
caatttgtta	tttcactgaa	tttcttcaaa	accattgcag	aagtgaggtc	atccttgaaa	1140
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acttagaga	gattgataca	aaagacgatt	acaatgtct	cagtgtctgc	cccaagtacc	1440
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<210> 12
<211> 277
<212> PRT
<213> Homo sapiens

<220>
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<222> (1)..(277)
<223> LP396

<400> 12

Met Ser Leu Val Leu Leu Ser Leu Ala Ala Leu Cys Arg Ser Ala Val
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Pro Arg Glu Pro Thr Val Gln Cys Gly Ser Glu Thr Gly Pro Ser Pro
20 25 30

Glu Trp Met Leu Gln His Asp Leu Ile Pro Gly Asp Leu Arg Asp Leu
35 40 45

Arg Val Glu Pro Val Thr Thr Ser Val Ala Thr Gly Asp Tyr Ser Ile
50 55 60

Leu Met Asn Val Ser Trp Val Leu Arg Ala Asp Ala Ser Ile Arg Leu
65 70 75 80

Leu Lys Ala Thr Lys Ile Cys Val Thr Gly Lys Ser Asn Phe Gln Ser
85 90 95

Tyr Ser Cys Val Arg Cys Asn Tyr Thr Glu Ala Phe Gln Thr Gln Thr
100 105 110

x15815.ST25.txt

Arg Pro Ser Gly Gly Lys Trp Thr Phe Ser Tyr Ile Gly Phe Pro Val
115 120 125

Glu Leu Asn Thr Val Tyr Phe Ile Gly Ala His Asn Ile Pro Asn Ala
130 135 140

Asn Met Asn Glu Asp Gly Pro Ser Met Ser Val Asn Phe Thr Ser Pro
145 150 155 160

Gly Cys Leu Asp His Ile Met Lys Tyr Lys Lys Cys Val Lys Ala
165 170 175

Gly Ser Leu Trp Asp Pro Asn Ile Thr Ala Cys Lys Lys Asn Glu Glu
180 185 190

Thr Val Glu Val Asn Phe Thr Thr Thr Pro Leu Gly Asn Arg Tyr Met
195 200 205

Ala Leu Ile Gln His Ser Thr Ile Ile Gly Phe Ser Gln Val Phe Glu
210 215 220

Pro His Gln Lys Lys Gln Thr Arg Ala Ser Val Val Ile Pro Val Thr
225 230 235 240

Gly Asp Ser Glu Gly Ala Thr Val Gln Met Cys Asp Gln Gly Glu Asn
245 250 255

Val His Asp Asn Thr Arg Ala Asp Ser Ile Phe Ser Tyr Leu Trp Gln
260 265 270

Arg Leu His Pro Thr
275

<210> 13
<211> 1352
<212> DNA
<213> Homo sapiens

<220>
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<223> LP397

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	aatcccggga gacttgaggg acctccgagt agaacctgtt acaacttagtg ttgcaacagg	180
	ggacttattca attttgcata atgtaagctg ggtactccgg gcagatgcca gcatccgctt	240
	gttgaaggcc accaagattt gtgtgacggg caaaagcaac ttccagtctt acagctgtgt	300
	gaggtgcaat tacacagagg ccttccagac tcagaccaga ccctctggtg gttaatggac	360

x15815.ST25.txt

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ccatctgaaa	tatgtttcca	tcacacaatt	tgttacttca	ctgaatttct	tcaaaaccat	900
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gctctcagtg	tctgccccaa	gtaccacctc	atgaaggatg	ccactgcttt	ctgtgcagaa	1260
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<210> 14
<211> 252
<212> PRT
<213> Homo sapiens

<220>
<221> MISC_FEATURE
<222> (1)..(252)
<223> LP397

<400> 14

Met Ser Leu Val Leu Leu Ser Leu Ala Ala Leu Cys Arg Ser Ala Val
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Pro Arg Glu Pro Thr Val Gln Cys Gly Ser Glu Thr Gly Pro Ser Pro
20 25 30

Glu Trp Met Leu Gln His Asp Leu Ile Pro Gly Asp Leu Arg Asp Leu
35 40 45

Arg Val Glu Pro Val Thr Thr Ser Val Ala Thr Gly Asp Tyr Ser Ile
50 55 60

Leu Met Asn Val Ser Trp Val Leu Arg Ala Asp Ala Ser Ile Arg Leu
65 70 75 80

X15815.ST25.txt

Leu	Lys	Ala	Thr	Lys	Ile	Cys	Val	Thr	Gly	Lys	Ser	Asn	Phe	Gln	Ser
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Tyr	Ser	Cys	Val	Arg	Cys	Asn	Tyr	Thr	Glu	Ala	Phe	Gln	Thr	Gln	Thr
100								105					110		
Arg	Pro	Ser	Gly	Gly	Lys	Trp	Thr	Phe	Ser	Tyr	Ile	Gly	Phe	Pro	Val
115							120				125				
Glu	Leu	Asn	Thr	Val	Tyr	Phe	Ile	Gly	Ala	His	Asn	Ile	Pro	Asn	Ala
130							135				140				
Asn	Met	Asn	Glu	Asp	Gly	Pro	Ser	Met	Ser	Val	Asn	Phe	Thr	Ser	Pro
145					150					155				160	
Gly	Cys	Leu	Asp	His	Ile	Met	Lys	Tyr	Lys	Lys	Lys	Cys	Val	Lys	Ala
165							170						175		
Gly	Ser	Leu	Trp	Asp	Pro	Asn	Ile	Thr	Ala	Cys	Lys	Lys	Asn	Glu	Glu
180							185						190		
Thr	Val	Glu	Val	Asn	Phe	Thr	Thr	Thr	Pro	Leu	Gly	Asn	Arg	Tyr	Met
195							200					205			
Ala	Leu	Ile	Gln	His	Ser	Thr	Ile	Ile	Gly	Phe	Ser	Gln	Val	Phe	Glu
210							215					220			
Thr	Lys	Ala	Ser	Arg	Glu	Ala	Gly	Cys	Leu	Ser	Ser	Cys	Cys	Leu	Cys
225					230					235				240	
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ggacttattca	attttcatgta	atgttaagctg	ggtactccgg	gcagatgtgg	acattttcct									240	
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X15815.ST25.txt

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tcatccttga	aaagtggcag	aaaaagaaaa	tagcagagat	gggtccagtg	cagtggcttg	1020
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gcccccaagta	ccacctcatg	aaggatgcc	ctgcttcgt	tgcagaactt	ctccatgtca	1320
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<212> PRT
<213> Homo sapiens

<220>
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<222> (1)..(96)
<223> LP398

<400> 16

Met Ser Leu Val Leu Leu Ser Leu Ala Ala Leu Cys Arg Ser Ala Val.
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Pro Arg Glu Pro Thr Val Gln Cys Gly Ser Glu Thr Gly Pro Ser Pro
20 25 30

Glu Trp Met Leu Gln His Asp Leu Ile Pro Gly Asp Leu Arg Asp Leu
35 40 45

Arg Val Glu Pro Val Thr Thr Ser Val Ala Thr Gly Asp Tyr Ser Ile
50 55 60

Leu Met Asn Val Ser Trp Val Leu Arg Ala Asp Val Asp Ile Phe Leu
65 70 75 80

x15815.ST25.txt

His Arg Leu Pro Cys Arg Ala Glu His Ser Leu Phe His Trp Gly Pro
 85 90 95

<210> 17
 <211> 1081
 <212> DNA
 <213> Homo sapiens

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 <223> LP399

<400> 17
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 a 1081

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 <213> Homo sapiens

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 <222> (1)..(93)
 <223> LP399

x15815.ST25.txt

<400> 18

Met Ser Leu Val Leu Leu Ser Leu Ala Ala Leu Cys Arg Ser Ala Val
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Pro Arg Glu Pro Thr Val Gln Cys Gly Ser Glu Thr Gly Pro Ser Pro
20 25 30

Glu Trp Met Leu Gln His Asp Leu Ile Pro Gly Asp Leu Arg Asp Leu
35 40 45

Arg Val Glu Pro Val Thr Thr Ser Val Ala Thr Gly Asp Tyr Ser Ile
50 55 60

Leu Met Asn Val Ser Trp Val Leu Arg Ala Asp Ala Thr Pro Glu Glu
65 70 75 80

Thr Asn Ala Ser Phe Ser Gly Asp Ser Ser Asp Trp Gly
85 90

<210> 19

<211> 940
212 213

<212> DNA
212 Hm

<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)..(940)
<223> LP417

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X15815.ST25.txt

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<212> PRT
<213> Homo sapiens

<220>
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<222> (1)..(46)
<223> LP417

<400> 20

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		20				25				30					

Glu	Thr	Asn	Ala	Ser	Phe	Ser	Gly	Asp	Ser	Ser	Asp	Trp	Gly
		35			40				45				

<210> 21
<211> 1352
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)..(1352)
<223> LP418

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x15815.ST25.txt
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 catctgcaca aatacgtggt ggtctacttt agagagattg atacaaaaga cgattacaat 1200
 gctctcagtg tctgccccaa gtaccacctc atgaaggatg ccactgcttt ctgtgcagaa 1260
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<210> 22
 <211> 135
 <212> PRT
 <213> Homo sapiens

<220>
 <221> MISC_FEATURE
 <222> (1) ..(135)
 <223> LP418

<400> 22

Met Ser Leu Val Leu Leu Ser Leu Ala Ala Leu Cys Arg Ser Ala Val
 1 5 10 15

Pro Arg Glu Pro Thr Val Gln Cys Gly Ser Glu Thr Gly Pro Ser Pro
 20 25 30

Glu Trp Met Leu Gln His Asp Leu Ile Pro Gly Asp Leu Arg Asp Leu
 35 40 45

Arg Val Glu Pro Val Thr Thr Ser Val Ala Thr Gly Asp Tyr Ser Ile
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Leu Met Asn Val Ser Trp Val Leu Arg Ala Asp Ala Ser Ile Arg Leu
 65 70 75 80

Leu Lys Ala Thr Lys Ile Cys Val Thr Gly Lys Ser Asn Phe Gln Ser
 85 90 95

Tyr Ser Cys Val Arg Cys Asn Tyr Thr Glu Ala Phe Gln Thr Gln Thr
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Arg Pro Ser Gly Gly Lys Glu Ala Cys Gly Ile Arg Thr Ser Leu Leu
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Val Arg Arg Met Arg Arg Gln
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x15815.ST25.txt

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X15815.ST25.txt

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Leu Tyr Arg Leu Pro Cys Arg Ala Glu His Ser Leu Phe His Trp Gly
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Pro